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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/649,117	08/27/2003	Bruno Lagoguez	S1022.81034US00	5491

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EXAMINER

NGUYEN, JOHN B

ART UNIT PAPER NUMBER

2819

DATE MAILED: 03/17/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No.	Applicant(s)	
	10/649,117	LAGOGUEZ ET AL.	
	Examiner	Art Unit	
	John B Nguyen	2819	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☐ Claim(s) 1-10 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1,4,9 and 10 is/are rejected.
- 7) ☒ Claim(s) 2,3 and 5-8 is/are objected to.
- 8) ☐ Claim(s) ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 08/27/03 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. ____. |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date <u>08/27/03</u> . | 6) <input type="checkbox"/> Other: ____. |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(a) the invention was known or used by others in this country, or patented or described in a printed publication in this or a foreign country, before the invention thereof by the applicant for a patent.

Claims 1, 4, 9 and 10 are rejected under 35 U.S.C. 102(a) as being anticipated by APPLICANT'S PRIOR ART.

2. Regarding to claim 1, APPLICANT'S PRIOR ART (Fig. 1) disclose a method for controlling in closed loop an analog system (12) generating an output signal (S') from a control signal (Nc), wherein the control signal (Nc) is a series of digital values (page 2, lines 17-22), each new digital value being determined from the difference between a signal linked (24) to the output signal (Vd) and the last determined value of the control signal (Nc) multiplied by a selected factor (page 2, lines 6-10 and 18-19).

3. Regarding to claim 4, the method of claim 1, wherein the analog output signal (S') is a variable voltage (page 2, lines 11-16).

4. Regarding to claim 9, a device (10) for controlling an analog system (12) a providing an analog output signal (S'), comprising: a digital system (18) providing a digital control signal (Nc); a digital-to-analog converter (16) receiving the digital control signal (Nc) and providing an analog control signal (Vc) to the analog system (12); a

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sensor (20) measuring an analog signal (Vd) representative of the analog output signal (S'); a comparator (22) providing an analog detection signal (V'd) based on the representative analog signal (Vd) and on the analog control signal (Vc); and an analog-to-digital converter (26) converting the analog detection signal (V'd) into a digital detection signal (N'd) provided to the digital system (18), the digital system determining the digital control signal (Nc) based on a reference signal (Pref) and on the digital detection signal (N'd).

5. Regarding to claim 10, the device of claim 9, wherein the analog system (12) is an amplifier of signals of a portable telephone (page 1, lines 11-18).


ALLOWABLE SUBJECT MATTERS

6. Claims 2, 3 and 5-8 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

7. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. (See enclosed Form PTO-892).

Any inquiry concerning this communication or earlier communications from the examiner should be directed to John B Nguyen whose telephone number (571) 272-1808. The examiner can normally be reached on 8AM-4: 30 PM M-F.


John B. Nguyen
March 06, 2004